



PLANE TALK

PROP MASTERS R/C NEWSLETTER



AMA CHARTER CLUB #397

NAPERVILLE, ILLINOIS

NOVEMBER, 2024

Greetings everyone! Thanksgiving is just around the corner, so I would like to wish everyone a safe, happy, and good food-filled holiday next Thursday!

On the topic of “THANKS”, I would like to thank everyone for their participation so far this year, in meetings, fun fly’s and the numerous special events we’ve had this year. Participation is a key word when talking about the success of our club, can’t thank you enough!

Good flying weather days will be few and far between for the next few months, so we can say “Welcome to Building Season”! Which also includes equipment maintenance. I ask everyone to bring their list of building plans for your winter projects(s) to our meeting Tuesday evening. We will document this, and give award points next Spring for your accomplishments.

Speaking of points, why do you need them? Because our annual club Christmas Auction will be held in January, and the more points you accumulate, the better you will do at the auction! And by the way, its not too late to bring to the attention of any officer some items you would like to see at the auction. Although we have completed most of our purchases already, we do have enough room to add a few more things.

As a reminder, also keep in mind this winter that our Annual Snag-A-Deal public Auction is scheduled for March of next year, so set aside any unused items that need to find a good home.

Lastly, I would like to discuss at our next meeting what plans we would like to make for the 2025 Cavalcade of Planes at Clow airport. Who What Where and When.

Your President

Michael D. Pfeifer





Financial Report

Bill Hickey



Financial Report

October 1, 2024 to October 31, 2024

Description	Operating Fund	Field Fund	Total	Comments
Balance October 1, 2024	\$1,574.07	\$3,556.32	\$5,130.39	
Income:				
Dues		90.00	90.00	Dues for 2025.
Swap	6.00		6.00	Neptune flying wing.
Total Income	6.00	90.00	96.00	
Total Cash Available	\$1,580.07	\$3,646.32	\$5,226.39	
Expenses:				
Year-End Auction	460.00		460.00	Don't open until year-end.
Board Expenses	121.13		121.13	2024 Club Charter & Insurance.
Total Expenses	581.13	-	581.13	
Balance October 31, 2024	\$998.94	\$3,646.32	\$4,645.26	

Bill Hickey, Prop Masters Treasurer

305 White Oak Drive Naperville, Illinois 60540

treasurer@propmastersrc.org

We Are Collecting Dues for 2025

When paying your dues, please complete an updated membership form if any of your contact information has changed and either mail the form with your payment to me or turn it in with your payment at the meeting. A copy of the membership form is included with this new

Checks should be made payable to Prop Masters R/C Aero Club and sent to the address shown above.

Alternatively, you can send the funds to my PayPal account treasurer@propmastersrc.org. Please send them as "Friends & Family" and include a short note with your name so we know whose dues are being paid.



Meeting Minutes

Jeff Cowan



Meeting Minutes – October 29, 2024

Opening:

The meeting began at 7:30 PM at Community United Methodist Church, 20 N Central St, Naperville IL. 26 members and 1 guest were in attendance. 9 members attended in costume in the spirit of Halloween! President Mick Pfeifer presided.

The September 24 meeting minutes were approved as published in the October Newsletter. The October financial report was read and approved. Bill Hickey reported membership this past year hit 60. Mick thanked our newest members increased energy in the club.

Committee Reports:

Safety	Mike Pettinger: Discussed Halloween safety. Dave Cairns: Highlighted recent efforts of Darrell Zeri educating a few new flyers (non-members) at the flying field with courtesy and respect. His assistance was well received.
Forest Preserve	Mick Pfeifer: Planned meeting with FP was cancelled. Nothing else to report.
Publicity	Harlan Davis: Nothing new.
Raffle	Harlan Davis: Reviewed raffle contents which included .40 Uproar kit plane by Tower Hobbies, toolbox, battery checker, CA glue, 1-1/2" spinner, glow fuel, incidence meter, and glow driver.
Newsletter	Ray Luchetti: OK. Mailed copy of October newsletter to Patti Camp.
Website	Mike Pettinger: All good. Considering replacing some images with more recent images for promotional purposes.
Library	Bill Hickey: Continuing to distribute remaining library content to interested members. Latest list on Slack. See Bill if you're interested in taking anything.
Instruction	Peter Fales: Season is wrapping up. Have worked with around 25 people this year with various levels of continuity. Several students completed their solo flights. Awarded Tilly Broadfield her solo certificate.
Fun Fly	Nothing planned.
Nomination	Started conversation about upcoming club officer and board election at November meeting. Nominations requested for any position. Mick Pfeifer indicated need for a new President, as his 3-year service is up.

Old Business:

None.

New Business:

Mick Pfeifer: Dick Spears donated some planes to the club. Their disposition to be determined.



Meeting Minutes

Jeff Cowan



New Members & Guests:

The club welcomed guest Kirk Alvey.

Society of Aircraft Demolishers (SAD):

A SAD patch was awarded to Tilly Broadfield for her Maule that got away from her during a solo flight attempt. The plane was found by quadcopter and recovered days later. The plane was repaired and is flying again!

Show and Tell:

- | | |
|------------------|---|
| Tilly Broadfield | Maule M-7 1.5m plane by E-flite, EP, red/white |
| Chris Hoekstra | Powered glider conversion, EP, yellow |
| Emily Cahill | RS 352 Thunderbolt 975mm foamy plane by RC Factory, EP, green/white/red |
| Darrell Zeri | F22 Raptor 70mm EDF jet by Freewing, gray |
| Chris Hopwood | Laser by Extreme Flight, EP, yellow/blue/white |
| Peter Fales | Neptune 64mm EDF jet by Motion RC, EP, white/blue/orange |
| Alex Dribinsky | Battery discharger, water based covering film adhesive (Cover Grip) |

Raffle:

Dave Cairnes took the Uproar.

Closing:

The next meeting will be held Tuesday, November 26, 2024, 7:30 PM at Community United Methodist Church, 20 Central St, Naperville IL.

Newsletter Contributions

Send newsletter contributions to the
Newsletter Editor at
editor@propmastersrc.org

The deadline for submissions is the second
Tuesday of the month.

Club Newsletters are posted at the club
website: www.propmastersrc.org.



October 29th Meeting Photos

Ray Luchetti





October 29th Meeting Photos

Ray Luchetti

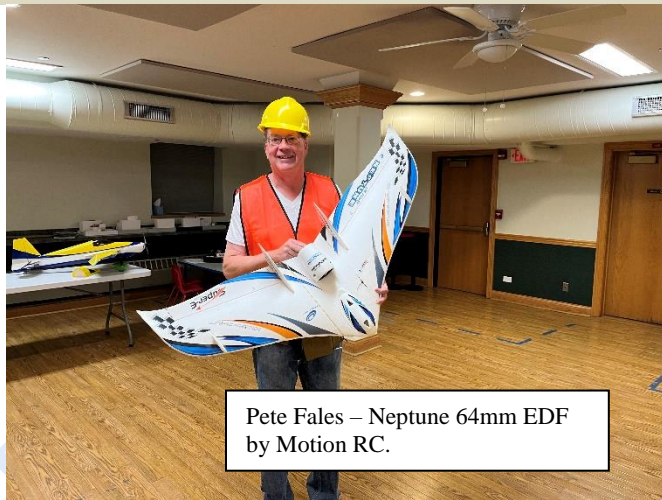


Darrell Zeri – F22 Raptor
70mm EDF.

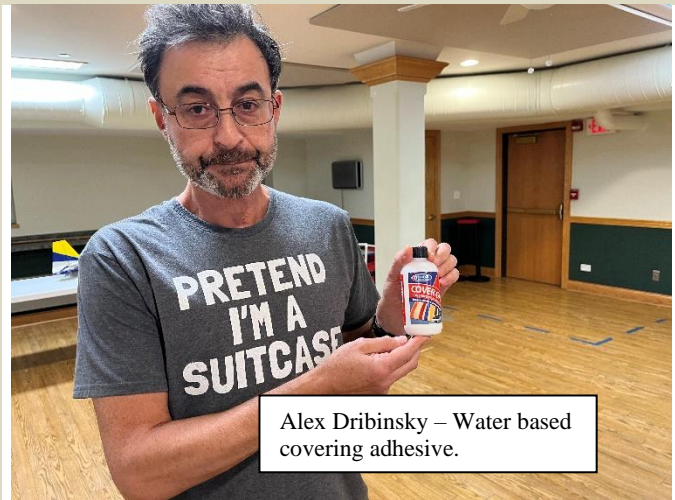


Chris Hopwood – Laser by
Extreme Flight.

Me



Pete Fales – Neptune 64mm EDF
by Motion RC.



Alex Dribinsky – Water based
covering adhesive.



Wind Rose

Bill Hickey



If you can't Fly in the Wind, you won't Fly as Much

I recently came across a new website that among other things, provides a “wind rose” of historical mean (average) wind speed and direction data. What’s nice about this new site is the data can be trimmed to specific dates and times of day, allowing for greater insight. A limitation is the nearest location - the Aurora (Sugar Grove) Airport. Undeterred, I generated a wind rose for dates from the first of March and for times between 9:00 am and 6:00 pm.

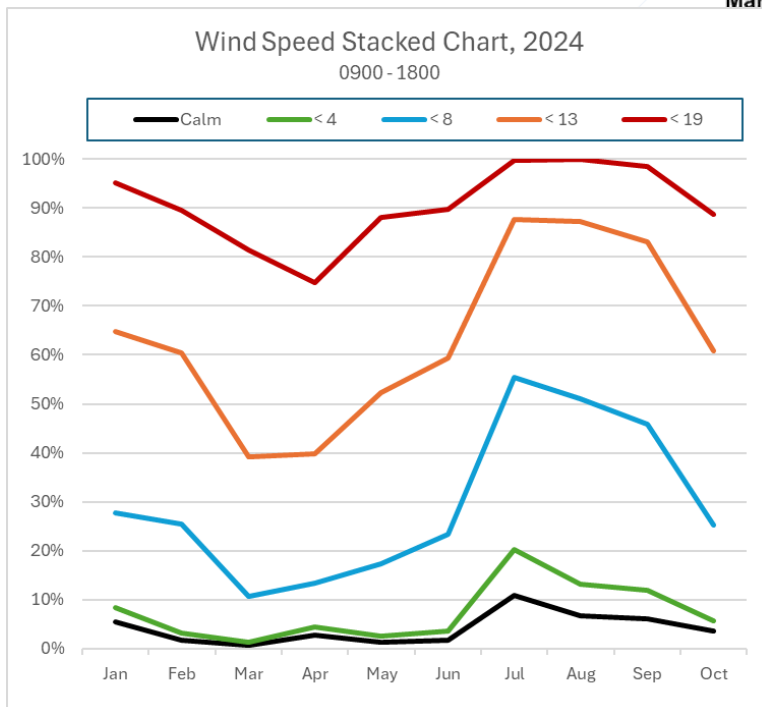
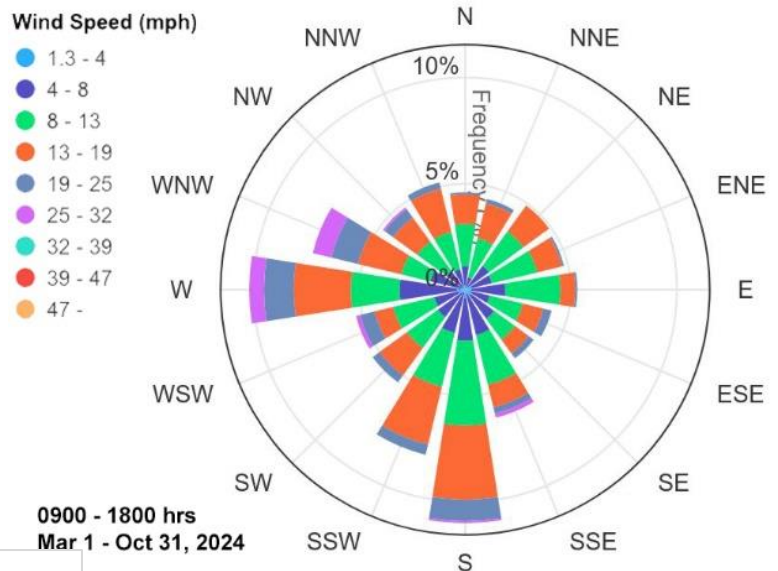
Not too surprisingly, we get a lot of westerly winds, but the dominance of southerly breezes was a bit of a wake-up. I guess that’s better than winds from the north!

Something to remember, though, is that most folks like to fly when the winds are mild, nominally under 8 mph. You can tell when the wind is over 8 mph because the windsock will blow straight out (horizontal). That’s just the blue and purple rays in the center of the rose. On the other hand, if you’re able to fly in winds up to 13 mph, you’ll add all those hours in green to your available flight time (rain notwithstanding).

The hourly data can be pulled down for any time period, and there is quite a bit of variation from month to month. I also added those hours when winds are calm (<1.3 mph) to the data – the rose doesn’t include them, as calm wind has no real direction. Heck, calm is usually our preferred wind speed!

Aurora (Sugar Grove) Airport Wind Rose

cli-MATE: MRCC Application Tools Environment (purdue.edu)



In the chart on the left, the percentage of time the wind is blowing below a certain speed is charted by month. Most folks can fly below 8 mph, and they get twice the opportunity to do so late summer. But again, being able to handle winds to 13 mph can double the chance to fly.

It helps to remember the ability to fly in a lot of wind is more than just pure piloting ability. There are technology assists, like gyros that offer quick reaction to sudden gusts and/or stabilization of one form or another. And the choice of airframe can be a factor – a high wing loading like that offered by a SPAD combat plane handles the wind much better than a lightly loaded foam Cub. Of course, wind isn’t always the only thing keeping you from flying – it could rain, for example, or there could be temporary flight restrictions due to VIP movement, and so on.



Wind Rose

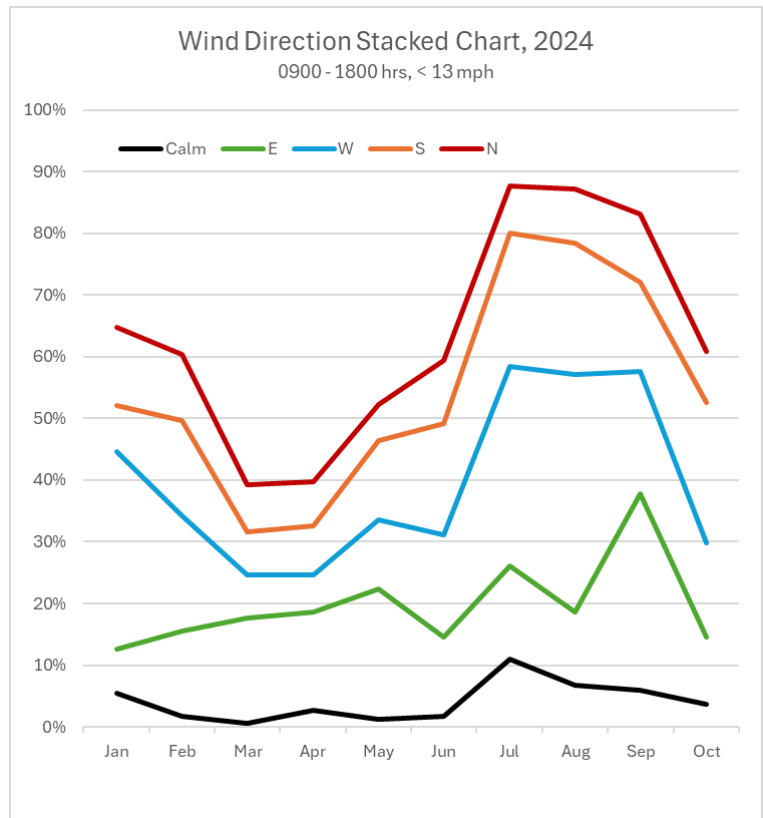
Bill Hickey



Finally, I gave a bit of thought to wind direction – after all, most of us really don’t care for crosswinds. The last chart considers only those hours from 9:00 am to 6:00 pm when the wind is below 13 mph and stacks the amount of time the wind has no direction (calm), then out the east (my favorite direction), out of the west (also very good), topped by a south wind (best for hand launching), and finally out of the north (ugh). Here I’ve lumped NE and SE winds into “east”, and NW and SW winds into “west”.

This really illustrates why July, August and September tend to be the best months for flying. The lack of serious crosswinds and winds below 13 mph (blue line) pretty much doubles then, relative to March through June and October. And if you don’t mind winds out of the south, so much the better!

- Bill Hickey





Shots at the Field

November, 2024
Dave Cairns



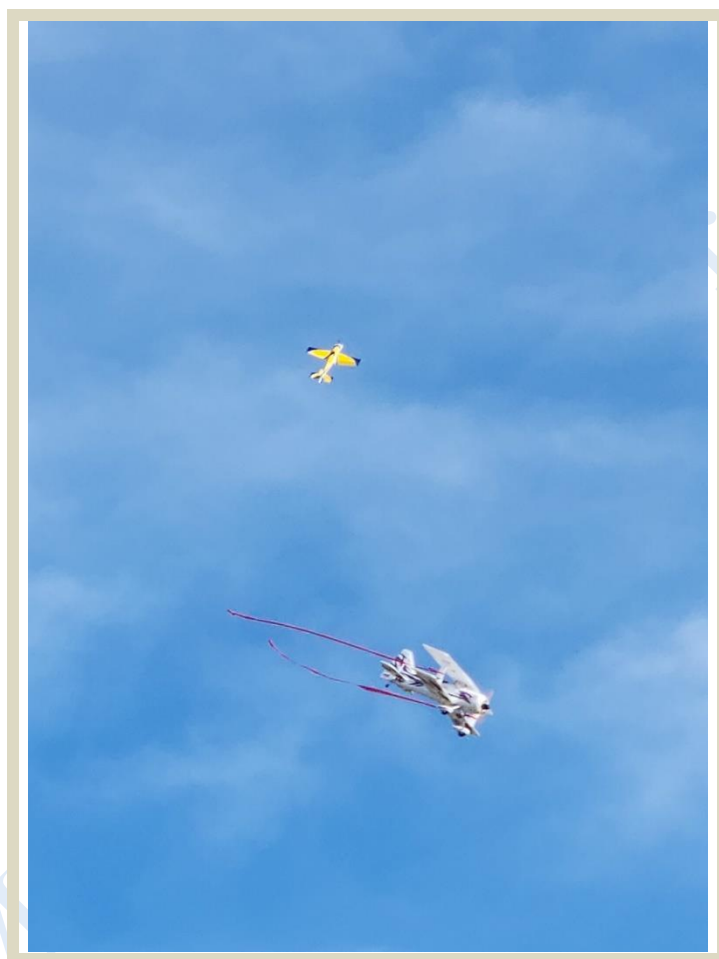
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Shots at the Field

November, 2024
Dave Cairns



Prop Masters

RC Aero Club



Fun Fly Committee

2024 Calendar

Date	Event Type	Event Details	Notes
January 1 st .	Special Event	Polar Bear Fun Fly	
January 30 th .	Monthly Meeting	Annual Christmas/Points Auction.	
February 3 rd .	Special Event	Pop-up Fun Fly	
February 27 th	Monthly Meeting		
March 19 th .	Special Event	Snag-A-Deal Auction	
March 26 th	Monthly Meeting		
April 30 th	Monthly Meeting		
May 25 th	Monthly Meeting		
May 28 th	Special Event	Timed flight Fun Fly	
June 1st & 2nd	Special Event	Clow Cavalcade of Flight	Participation cancelled.
July 30 th	Monthly Meeting		
August 27 th	Monthly Meeting		
September 14 th .	Fun Fly	Bring anything you fly and impress the judges. From 11am to 2pm.	
October 20 th .	Special Event	Celebration of life for Tom Camp at the field.	
November 26 th .	Monthly Meeting		



Prop Masters Organization & Contact Information

Board of Directors/Officers

Position	Name	Email address
President	Mick Pfeifer	president@propmastersrc.org
Vice President	Peter Fales	vice-president@propmastersrc.org
Treasurer	Bill Hickey	treasurer@propmastersrc.org
Secretary	Jeff Cowan	secretary@propmastersrc.org
Safety Officer	Mike Pettinger	safety@propmastersrc.org
Board/At Large	Dave Engel	board@propmastersrc.org
Board/At Large	Esther Bourassa	board@propmastersrc.org
Board/At Large	Ray Luchetti	board@propmastersrc.org
Board/At Large	Harlan Davis	board@propmastersrc.org

Committees:

Publicity

publicity@propmastersrc.org
Harlan Davis

Nominating

nominations@propmasersrc.org
Ray Luchetti

Forest Preserve Relations

field@propmastersrc.org
Mick Pfeifer

Air Boss

Dave Engel

Deputy Safety Officer

Dave Cairns

Raffle

raffle@propmasrtersrc.org
Harlan Davis, Chairman
Mick Pfeifer

Membership Relations

membership@propmastersrc.org
Harlan Davis

Instructors

learntofly@propmastersrc.org

Mick Pfeifer
Ron Monsen
Mike Pettinger
Jim Mendygral
Dave Cairns
Jeff Cowan
Chris Hopwood

Fund Raising

fundraiser@propmastersrc.org
Harlan Davis

Librarian

librarian@propmastersrc.org
Bill Hickey

Webmaster

webmaster@propmastersrc.org
Mike Pettinger

Newsletter Editor

editor@propmastersrc.org
Ray Luchetti

Air Show

airshow@propmastersrc.org
Dave Engel

Visit the Prop Masters R/C Club Web Site at <http://www.propmastersrc.org>

Support your local Hobby Shop

Leisure Hours Hobbies
16300 South Lincoln Highway (US Rte.
30)
Plainfield, IL 60568
815-439-1477

Walt's Hobby Shop
2207 Plainfield Road
Joliet, IL 60435
815-741-0043

HobbyTown USA - Orland
15551 South 94th Avenue
Orland Park, IL 60462
708-349-8697

Strictly R/C
7713 West Lawrence Avenue
Norridge, IL 60706
708-456-9100

HobbyTown USA
341 N. Randal Rd.
Batavia, IL 60510
630-587-1256

Next Meeting:

Next meeting Tuesday November 26th at the United Methodist Church, 20 N Center St, Naperville IL, 60540, Fellowship Hall.